

IN THE CLAIMS:

Please amend claim 1 as follows.

1. (currently amended) Method for ~~carrying out~~ performing a blind handover in an intersystem and interfrequency ~~handover in~~ mobile communication systems, whereby a one mobile station (30) is adapted for being supplied with radio signals from ~~several~~ base stations of a first mobile communication system and base stations of a second mobile communication system, (23, 24) comprising the steps of: ~~characterized in that~~

making a mandatory request of the mobile station to perform a measurement of propagation times of the radio signals being transmitted via an air interface from the base stations of the first mobile communication system to the mobile station by providing the mobile station with specific signal level threshold values that compel a position measurement,

measuring of a propagation ~~time~~ times of the radio signals ~~measurement~~ by the mobile station (30) ~~is carried out at the air interface of the signals received by the base stations (23, 24),~~

transmitting that the measured propagation times are transmitted to one of the first base stations of the first mobile communication system (23, 24),

that determining on the part of the first mobile communication system ~~network~~ the residence site of the mobile station (30) ~~is determined~~ on the basis of the propagation time measurement data,

selecting that, based on the determined residence site of the mobile station and, with the aid of a data base at least one suitable base station (20) ~~is selected~~ of the second communication system for an intersystem or interfrequency handover,

transmitting that the data of the selected base station (20) ~~required for a handover are~~

~~transmitted from the first mobile communication system~~ to the mobile station, and

~~performing that the mobile station (30) carries out the handover by the mobile station~~
~~from a base station of the first mobile communication system~~ to the selected base station ~~of the~~
~~second mobile communication system~~ (20).

2. (original) Method as claimed in claim 1, characterized in that by the mobile station
(30) additionally the signal strength and/or the signal quality of the base stations (23, 24) are
measured and transmitted to one of the base stations.

3, previously canceled

4. (previously presented) Method as claimed in claim 1, characterized in that the
mobile station (30) during the handover changes the utilized radio frequencies.

5. (previously presented) Method as claimed in claim 1, characterized in that the
effective coverage range of the base station (24) supplying the mobile station before the handover
differs from the effective coverage range of the base station (20) supplying the mobile station
after the handover.

6. (previously presented) Method as claimed in claim 1, characterized in that the effective coverage range of the base station (24) supplying the mobile station before the handover overlaps the effective coverage range of the base station (20) supplying the mobile station after the handover.

7. (previous presented) Method as claimed in claim 1, characterized in that the precise residence site of the mobile station (30) is determined by means of a GPS receiver.

8. (previous presented) Method as claimed in claim 1, characterized in that by means of a central clock a frame synchronization is carried out between the participating base stations (23, 24).

9. (previously presented) Method as claimed in claim 1, characterized in that discrepancies of the frame synchronization between the base stations (23, 24) are determined, stored in a matrix and utilized for calculating the residence site of the mobile station (30).

10. (previously presented) Method as claimed in claim 1, characterized in that during

the handover the mobile station (30) changes from a base station (24) of a first mobile communication system to a base station (20) of a second mobile communication system.

11. (previously presented) Method as claimed in claim 2, characterized in that during the handover the mobile station (30) changes from a base station (24) of a first mobile communication system to a base station (20) of a second mobile communication system.

12. (new) Method for performing a blind handover in intersystem and interfrequency mobile communication systems as in claim 1, wherein said position measurement comprises measurement of propagation times.

13. (new) Method for performing a blind handover in intersystem and interfrequency mobile communication systems as in claim 1, wherein said position measurement comprises the setting of network parameters for the network at the outset.